

**PHOTOLUMINESCENT SLEEVE FOR ELECTRIC LAMPS FOR PRODUCING
A NON-ELECTRICAL LIGHT EMITTING SOURCE**

ABSTRACT OF THE DISCLOSURE

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An electric lamp may be designed as a reliable and inexpensive secondary source of light when electric power to the electric lamp is lost. A nearly transparent photoluminescent sleeve may be extruded or injection molded from clear thermoplastic materials containing photoluminescent
10 pigments. This sleeve is then fit around the electric lamp. Radiant energy from the electrical lamp is stored in the sleeve during normal operation of the electric lamp. When the electric lamp is extinguished, the photoluminescent sleeve reradiates light by photoluminescence for many days. Novel linear path marking systems may be developed by fitting a series of electric lamps, for
15 example, along the length of the exit path, with a photoluminescent sleeve that may then be used as a secondary source of light when the electric lamp is extinguished due to a power disruption.